

Inventor Search

Gitomer 10/014,736

15/12/2003

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L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1992:169270 HCAPLUS
DOCUMENT NUMBER: 116:169270
TITLE: Fluorimetric detection of a *Bacillus stearothermophilus* spore-bound enzyme, α -D-glucosidase, for rapid indication of flash sterilization failure.
AUTHOR(S): Vesley, Donald; Langholz, Ann C.; Rohlffing, Stephen R.; Foltz, William E.
CORPORATE SOURCE: Sch. Public Health, Univ. Minnesota, Minneapolis, MN, 55455, USA
SOURCE: Applied and Environmental Microbiology (1992), 58(2), 717-19
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A biol. indicator based on fluorometric detection within 60 min of a *B. stearothermophilus* spore-bound enzyme, α -D-glucosidase, has been developed. Results indicate that the enzyme survived slightly longer than spores observed after 24 h of incubation. The new system shows promise for evaluating flash sterilization cycles within 60 min compared with conventional 24-h systems.

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CC 9-2 (Biochemical Methods)
Section cross-reference(s): 7, 10
ST fluorometry *Bacillus glucosidase*; flash sterilization failure *Bacillus glucosidase*
IT Sterilization and Disinfection
(flash, failure of, fluorometric detection of *Bacillus stearothermophilus* glucosidase for indication of)
IT *Bacillus stearothermophilus*
(glucosidase of, fluorometric detection of, for indication of flash sterilization failure)
IT 9001-42-7, α -D-Glucosidase
RL: PROC (Process)
(of *Bacillus stearothermophilus*, fluorometric detection of, for indication of flash sterilization failure)

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